

# Selective reporting: Introduction

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# What is selective reporting?

- To report only agents that are considered necessary according to:
  - Microbe and infection localization/origin
  - Patient and clinical information
  - Antibiotic susceptibility test results
- Purpose
  - To avoid that the report stimulates to unnecessary antibiotic prescription
  - To help clinicians to choose the preferred antibiotic agent
- Goal
  - A decrease in unnecessary reported antibiograms and agents



# Evidence

**Can microbiological diagnostics (including AST) lead to over-usage of antibiotics? A knowledge summary.**

# Can microbiological diagnostics (including AST) lead to over-usage of antibiotics?

## A knowlegde summary. [Per Espen Akselsen, KAS/AFA](#)

Knowledge limited: controlled intervention studies are especially lacking.

The litterature suggests:

- Be restrictive in reporting culture results where there is little probability of infection
- Selective susceptibility reporting can reduce unnecessary antibiotic usage in hospitals and primary health care

In order for changed AST-reporting to give better antibiotic usage:

- the reports should include comments/recommendations
- this should be combined with training programs and other system measures to improve antibiotic usage

**References: extra slides at the end**

# Selective reporting of antibiotic susceptibility test results in European countries: an ESCMID cross-sectional survey.

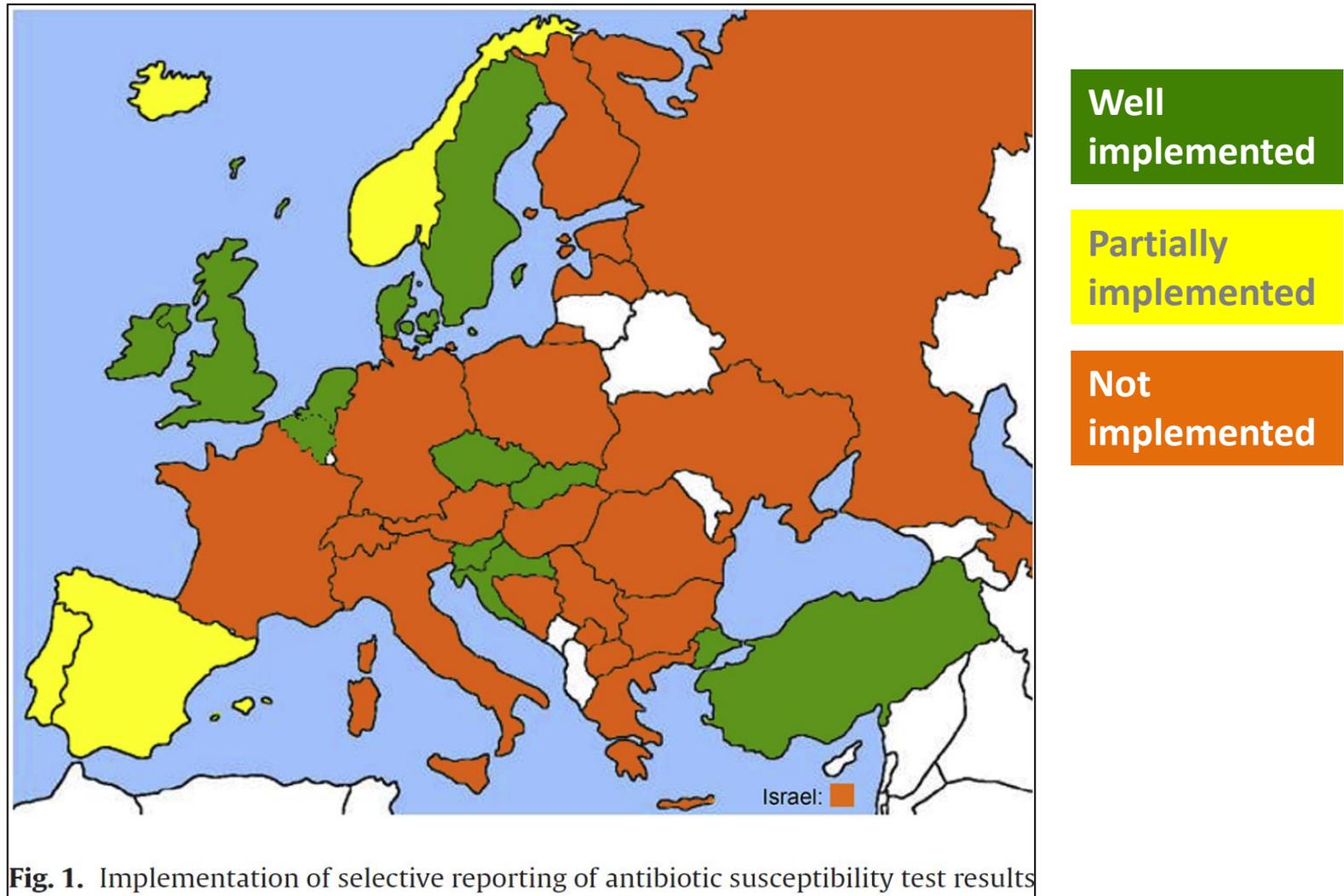


Fig. 1. Implementation of selective reporting of antibiotic susceptibility test results



# 2 menti-questions



# References

Compiled by Per Espen Akselsen, KAS/AFA  
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